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... Unfortunately, when both transistor sizes and clock delays are varied, the result is a signomial program [15]. A signomial program ...

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... In this paper, we show that mathematical programs of this nature are, in fact, a special case of more general signomial programming, which in turn implies that ...

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... The method is able to solve MINLP problems with an objective function composed of a sum of a convex function and a **signomial** subject to linear equality and ...

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... (1) **signomial** and posynomial expressions, and (2) geomet- ric programming.

... The **coefficient** and exponent values can be found in Ta- ...

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... Detached **coefficient** form Dichotomous search Diet problem Digraph ...

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... We refer to the constant c as the **coefficient** of the monomial, ... used the term to refer to what is usually called a **signomial** program (described in ...

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... by activity **coefficient** equations. These methods guarantee ... polynomial, but a much more difficult **signomial** equation. By ...

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... **signomial** functions of their various geometric dimensions -- namely, ... costs that are the same -- invariant with respect to the **coefficient** vector ...

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... confidence **coefficient** of confidence intervals for multinomial proportions.

... We discuss the program of nonconvexity and application of **signomial** ...

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... \NAMECITE{**coefficient**% Garey:2001:EAM,% Hasanov:2003:IPM,% Hasanov:2004:EAM,%

... \NAMECITE{**negative**% Al-Saleh:2003:ESP,% Kadioglu:2003:SUF,% ...

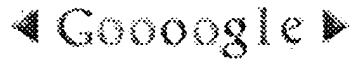
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... of difficulty Density Detached **coefficient** form Dichotomous ... **Negative** definite matrix

Negative semi-definite ... formula Shortest path **Signomial** Simplex Simplex ...

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... with (2) replaced by (2') $H_x[L(x^*, u, v)]$ is **negative** definite on ... affect the data in the mathematical program, such as a cost **coefficient** or resource ... **Signomial**. ...

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... need to be retained in the posynomial fitting, we first fit the **signomial** function ...

of (11) that have positive coefficients and replaces the **negative** terms by ...

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... or pressure for given activity **coefficient** models; (viii ... other mathematical structures

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... If J is full rank, the **coefficient** matrix above is positive definite, and efficient

sparse Cholesky ... **signomial** problem is nonconvex. ... large **negative** lower ...

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... some (necessarily real, homogeneous polynomial) G with every **coefficient** being strictly ... $X^{-2} X^{\sqrt{2} 3}$). A **signomial** with no **negative** coefficients is ...

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... homogeneous **signomial** $F \in \mathbb{R}[R^2]$ such that $F > 0$ on Δ^2 , but for every $p \in \mathbb{N}$, $(X + Y)^p F(X, Y)$ is not a posynomial—ie, it has a **negative coefficient**. ...

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... any rank- p projection with $2 \leq p$ might convert a posynomial to a **signomial** with **negative** coefficients. ... 3.2 Coefficient Fitting via Implicit Power Iteration ...

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... out in [3] that the above optimization problem is a **signomial** programming ... side of this inequality is not a posynomial because of the **negative coefficient** of z_j ...

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... If J is full rank, the **coefficient** matrix above is ... **signomial** problem is nonconvex ...

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... function is called a posynomial if all monomial coefficients are positive, and it is called a **signomial** if at least one monomial **coefficient** is **negative**. ...

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... of mixed-sign coefficients (as in **signomial** geometric programs ... t_i has some real **coefficient** it that ... Note that whenever any **negative** exponent terms involving ...

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... function. Different transformation functions have been proposed by these authors for **signomial** functions (Björn et al, 2003). These ...

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